

Claims as Amended:

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1. A wind energy system, comprising a wind-drivable rotor (3) with angularly adjustable rotor blades (4); a generator (8) connected directly or indirectly to the rotor (3) for generating electrical energy, wherein power output of the generator (8) is possible at variable rotor rpm; and a facility management system, wherein said facility management system regulates the rotor rpm by adjustment of the rotor blade angles (5) and turns off the operation of the system above a shutoff speed (16) within a predetermined wind speed range, wherein the facility management system regulates the rotor rpm and the power output downwardly by adjustment of the rotor blade angles (5) in a range between a predetermined limit speed (15) and the shutoff speed (16).

2. The wind energy system of claim 1, wherein the facility management system regulates the power output essentially to a value of a rated power of the system at wind speeds below the predetermined limit speed (15).

3. The wind energy system of claim 2, wherein the facility management system regulates the power output, beginning at the rated power, constantly and decreasingly down to the shutoff speed (16) with increasing wind speed above the predetermined limit speed (15).

4. The wind energy system of claim 3, wherein the facility management system regulates the power output and the rotor rpm approximately

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constantly to the rated power/rated rpm below the predetermined limit speed (15), and wherein above the limit speed (15), said facility management system regulates the power output substantially linearly and decreasingly down to the shutoff speed (16).

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5. The wind energy system of claim 1, wherein the facility management system is embodied to regulate the power output to approximately 40% of the rated power at the shutoff speed (16).

6. The wind energy system of claim 1, wherein the facility management system regulates the power output to the rated power in a wind speed range from approximately 11.5 meters per second to approximately 16 meters per second.

7. The wind energy system of claim 1, wherein the limit speed (15) is approximately 16 meters per second.

8. The wind energy system of claim 1, wherein the shutoff speed (16) is approximately 23 meters per second.

9. A method for regulating the power output of a wind energy system of claim 1, wherein the rotor rpm and the power output are regulated downward

by adjustment of the rotor blade angles (5) in a range between a predetermined limit speed (15) and a shutoff speed (16).

10. The method of claim 9, wherein at adequate wind speeds below the predetermined limit speed (15), the power output is regulated substantially to the value of a rated power.

11. The method of claim 10, wherein the power output, with increasing wind speed above the predetermined limit speed (15), is regulated steadily and decreasingly downward beginning at the rated power down to the shutoff speed (16).

12. The method of claim 11, wherein below the predetermined limit speed, the power output and the rotor rpm are regulated constantly to the rated power/rated rpm, and above the limit speed (15), the power output and the rotor rpm are regulated essentially linearly and decreasingly down to the shutoff speed (16).

13. The method of claim 9, wherein the power output at the shutoff speed (16) is regulated to approximately 40% of the rated power.

14. The method of claim 9, wherein the power output, in the wind speed range from approximately 11.5 meters per second to approximately 16 meters per second, is regulated to the rated power.

15. The method of claim 9, wherein the limit speed (15) is approximately 16 meters per second.

Revised

16. The method of claim 9, wherein the shutoff speed (16) is approximately 23 meters per second.

Amend as follows:

IN THE CLAIMS:

1. A wind energy system, [having] comprising a wind-drivable rotor (3) with angularly adjustable rotor blades (4)[,]; a generator (8)[,] connected directly or indirectly to the rotor (3)[,] for generating electrical energy, [in which the] wherein power output of the generator (8) is possible at variable rotor rpm[,]; and a facility management system, [which is embodied,] wherein said facility management system [within a predetermined wind speed range, to] regulates the rotor rpm by adjustment of the rotor blade angles (5) and [to] turns off the operation of the system above a shutoff speed (16) within a predetermined wind speed range, [characterized in that] wherein the facility management system[is embodied to] regulates the rotor rpm and the power output downwardly[,] by adjustment of the rotor blade angles (5)[,] in a range between a predetermined limit speed (15) and the shutoff speed (16).

2. The wind energy system of claim 1, [characterized in that] wherein the facility management system[, at adequate wind speeds below the predetermined limit speed (15), is embodied to] regulates the power output essentially to [the] a value of [the] a rated power of the system at wind speeds below the predetermined limit speed (15).

3. The wind energy system of claim 2, [characterized in that] wherein the facility management system [is embodied so as to] regulates the power output, beginning at the rated power, [steadily] constantly and decreasingly down to the shutoff speed (16)[,] with increasing wind speed above the predetermined limit speed (15).

4. The wind energy system of claim 3, [characterized in that] wherein the facility management system [is embodied to] regulates the power output and the rotor rpm [as much as possible] approximately constantly to the rated power/rated rpm below the predetermined limit speed (15), and wherein above the limit speed (15), said facility management system [to] regulates the power output [it] substantially linearly and decreasingly down to the shutoff speed (16).

5. The wind energy system of claim 1, [characterized in that] wherein the facility management system is embodied to regulate the power output to approximately 40% of the rated power at the shutoff speed (16).

6. The wind energy system of claim 1, [characterized in that] wherein the facility management system [is embodied to] regulates the power output to the rated power[,] in [the] a wind speed range from approximately 11.5 [m/s] meters per second to approximately 16 [m/s] meters per second.

7. The wind energy system of claim 1, [characterized in that] wherein the limit speed (15) is approximately 16 [m/s] meters per second.

8. The wind energy system of claim 1, [characterized in that] wherein the shutoff speed (16) is approximately 23 [m/s] meters per second.

9. A method for regulating the power output of a wind energy system of claim 1, [characterized in that] wherein the rotor rpm and the power output are regulated downward by adjustment of the rotor blade angles (5) in a range between a predetermined limit speed (15) and a shutoff speed (16).

10. The method of claim 9, [characterized in that] wherein at adequate wind speeds below the predetermined limit speed (15), the power output is regulated substantially to the value of [the] a rated power.

11. The method of claim 10, [characterized in that] wherein the power output, with increasing wind speed above the predetermined limit speed (15), is regulated steadily and decreasingly downward beginning at the rated power down to the shutoff speed (16).

12. The method of claim 11, [characterized in that] wherein below the predetermined limit speed[, as much as possible], the power output and the rotor rpm are regulated constantly to the rated power/rated rpm, and above the limit

speed (15), [they] the power output and the rotor rpm are regulated[,] essentially linearly and decreasingly[,] down to the shutoff speed (16).

13. The method of claim 9, [characterized in that] wherein the power output at the shutoff speed (16) is regulated to approximately 40% of the rated power.

14. The method of claim 9, [characterized in that] wherein the power output, in the wind speed range from approximately 11.5 [m/s] meters per second to approximately 16 [m/s] meters per second, is regulated to the rated power.

15. The method of claim 9, [characterized in that] wherein the limit speed (15) is approximately 16 [m/s] meters per second.

16. The method of claim 9, [characterized in that] wherein the shutoff speed (16) is approximately 23 [m/s] meters per second.